Approved For Release 2 114 12 P89B00551R000100120009-8

A- POSTFLIGHT INSPECTION

(MATERIEL)

USAF Declass/Release Instructions OneFile

This inspection is basically a combination of requirements for checking equipment that requires daily or frequent verification of satisfactory functioning, plus requirements that prescribe searching for defects that become apparent after the aircraft is flown. It is intended that evidence of chafing, leaks, and similar conditions be discovered and corrected during the Postflight Inspection to preclude progression of such a relatively minor problem to a state that would require major maintenance to remedy the deficiency. The Postflight Inspection is, therefore, an important function that should be performed with care.

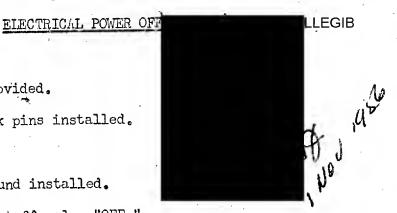
The intervals at which the Postflight Inspection will be accomplished are contained in applicable aircraft inspection systems directives.

PREPARATION:

- 1. Fire extinguisher provided.
- 2. Landing gear downlock pins installed.
- 3. Wheels chocked a
- 4. Auxiliary static ground installed.
- 5. Dive flaps closed shutoff valve "OFF."
- 6. DD Form 781 for discrepancies.
- 7. Switches "OFF."
- 8. Necessary fairing, panels and access doors removed or opened; closed or reinstalled upon completion of the inspection.
- 9. Dust excluder plugs and wing, empennage, canopy and pitot covers installed upon completion of the inspection.

AIRFRAME (SYSTEM NO. 3)

- 1. Aircraft for cleanliness.
- 2. Wings, fuselage, emponnage and control surfaces for damage; drain holes for obstruction.
 - 3. Statis ground wire for security and positive contact with ground.
 - 4. Fairings, panels, and doors for damage and insecurity.
 - 5. Battery area for evidence of leakage or overflow of electrolyte.
- 6. Dive brakes track for cleanliness; flaps, tracks, and linkage for darage and insecurity; actuators, lines hoses, and connections for insecurity and evidence of leakage; lines and hoses for chatting and damage.



LUNFIDEN | M | ILLEGIB Approved For Release 2001/09/04 : CIA-RDP89B08651R000100120009-8

- 7. Windshield and canopy for cleanliness, distortion, nicks, crazing, cracks, and scratches.
 - 8. All required Postflight entries made in applicable forms.
 - 9. Shoulder harnesses and safety belts for cleanliness.

LANDING GEAR (SYSTEM NO. 4).

- 1. Landing gear and wheels for damage and free of mud, grass and ice.
- 2. Shock struts for evidence of leakage; polished surfaces of shock struts and hydraulic pistons cleaned with cloth moistened in hydraulic fluid.
 - 3. Microswitches for cleanliness, damage, and insecurity.
- 4. Doors and actuating mechanism for damage, insecurity and evidence of improper adjustment.
 - 5. Wheels for evidence of overheating in area adjacent to brakes.
- 6. Tires for uneven wear, cuts or blisters; free of grease or oil; slippage marks for misalignment.
- 7. Accessible brake lines, hoses, connections and components for leakage with parking brakes "SET".
- 8. Accessible components, lines, hoses and connections for insecurity and evidence of leakage; lines and hoses for chaging and damage.
- 9. Brake system reservoir for required fluid level; filler plug for security.

HYDRAULIC PNEUMATIC (SYSTEM NO. 5)

1. Accessible components, lines, hoses, and connections for insecurity and evidence of leakage; lines and hoses for chafing and damage.

UTILITY (SYSTEM NO. 6)

- 1. Oxygen System and Components:
 - a. Recharge to 1850 psi.
- b. Regulator for steady flow by turning the pressure control knob about 90 degrees clockwise.
- c. Regulator system for leakage by ensuring that there is no audible escape of oxygen with diluter in "100% OXYGEN".
- d. Regulator diaphragn and mask-to-regulator tubing for leakage when a slight pressure is applied at the open end of the mask-to-regulator tube by blowing gently with diluter lever set at "1CO% OXYGEN"; set regulator diluter LLEGIB at "NORMAL OXYGEN" upon completion of tests.
 - e. Hose from regulators for tears, holes, kinks and insecurity.

- f. Knurled coller and hose on regulator outlet elbows proporty tightened (point to suit user's convenience).
- g. Flow indicators for operation. (With regulator set at #100% OXYGEN*, blinker should move freely with each normal breath from mask-to-regulator tubing).

POWER PLANT (SYSTEM NO. 7)

- 1. Exhaust cone for soot swirls and heat streaks indicating faulty fuel nozzles. (If found, inspect inner liners, nozzles and domes).
 - 2. Turbine wheel for broken buckets.
 - 3. Buckets for nicks and dents behand specified tolerance.
 - 4. Nozzle diaphragn blades for damage.
- 5. Engine for evidence of lenkage; loose or missing nuts, bolts, studs, or clamps; proper safetying where required.
 - 6. Diaphragm and air seal assemblies for cracks and insecurity.

FUEL (SYSTEM NO. 8)

- 1. Exterior of aircraft for evidence of leakage.
- 2. Tanks serviced; tank filler necks and cap seals for damage or excessive wear; caps for proper seating.

OIL (SYSTEM NO. 9)

- 1. Engine reservoir for required servicing; filler cap for security.
- 2. Exterior of fuselage for evidence of leakage.
- 3, System components, lines, and hoses for damage; lines and hoses for chafing.

AIR INDUCTION AND EXHAUST (SYSTEM NO. 11)

- 1. Air intake ducts for damage and foreign material.
- 2. Tailpipe for cracks and distortion beyond permissible limits; tailpipe clamp and blankets for damage and insecurity.

ELECTRICAL (SYSTEM NO. 14)

1. Spare lamps and fuses available in holders.

INSTRUMENTS (SYSTEM NO. 15)

- 1. Pitot head and static plates for damage and insecurity.
- 2. Instruments, panels and brackets for damage and insecurity.

Enclosure NoApproved For Rejease 2011/09/04: CIA RDP89B00551R000100120009-8



LUNFIDENTIALApproved ► Release 2001/09/04 : CIA-RDP89B00€ 1R000100120009-8

- 3, Instrument cover glasses for cleanliness, cracks, and looseness; range, slippage and limit markings intact.
 - 4. Standby compasses for discoloration of fluid and evidence of bubbles.
 - 5. Thermocouple leads for damage and insecurity.

R & R (SYSTEM NO. 16)

- 1. Visually inspect the following items;
- a. Antenna lead-in for damaged insulators, proper spacing from surrounding objects, and insecurity of connections.
 - b. Plugs for proper insertion in jacks and receptacles.
 - c. Junction boxes and covers for damage.
- d. Headset and microphone cordage and plugs for damage and proper stowage.

REMARKS:

25X1A

SIGNATURE

L CUNTILLNIIAL

Approved Release 2001/09/04 : CIA-RDP89B06651R000100120009-8

ILLEGIB

B-PREFLIGHT INSPECTION

ARTICLE NO. 355	DATE NE	The state of the s
NOSE SECTION:	MECH	INSP.
1. Plastic nose & windows free of cracks & secure,		-delo
2. ARN/6 boot for condition & closed, ARN/6 and compass s	secure	LEGIB
3. Brake fluid for proper level & cap secure.	1	_
4. Cabin pressure test fitting secure	-	· \
5. Pitot clean & secure, check AIRSPEED.		
6. Nose section clean & OK to close panel.		
7. Access panel installed,	-	
8, All items cleared. CREW CHIEF:		_/
COCKPIT EXTERNAL:		
1. Static holen all open.	-	
2. Canopy external handle secure.		
3. Lower antenna secure.		
4. Windshield & canapy glass cleanliness & condition	-	1
5. All items cleared. CREW CHIEF:		
1. Canopy antenna connection secure.		
2. Canopy emergency release handle locked & safetied (02	O corper wire)	
3. Canopy for proper latching with aft hatch installed.		
4. Canopy seal & connection for condition.		
5. Brakes for solid feel.		
6. Rudder pedals for freedom & operation of adjustment.		
7. Elevator for operation & freedom, 25X1A		
8. Aileron for operation & freedom.		
9. Elevator tab for operation & direction. Set to neutr	ral.	
10, Aileron tab for operation & direction, Set to neutra	11.	
11. Throttle for operation & friction lock.		
TO U.H.F.	4000	
Approved For Release 2001/09/04: CIA-RDP89B0055 Enclosure No. 4 to SOP-O-1, Page CONFIDENTIAL	IKUUU	

CONFIDENTIAL
Approved or Release 2001/09/04 : CIA-RDP89B08661R000100120009-8

13. Alchohol & res in map case. 14. Instruments for condition & cleanliness. 15. Carcuit breakers set or into white line. 16. Seat belt & shoulder straps for condition & operation. 17. Covern system checked out. System pressure 1200 to 2007% can installed, check out face heat. 18. Warning lights for operation. 19. Enorgoney betweey for operation, check voltage with precision mater. 20. Seet for condition & security. 21. Interior lights for operation & security. 22. Cockept floor cleaned. 23. All stems cleared. 24. All stems cleared. 25. Cockept floor cleaned. 26. Cockept for condition of condition. 3 . Control cables for freedom, operation & turnburrels safeties. 4. Equipment for security in hatch & bay. 5. Lower batch & seal for constation & condition of latching mechanism. 6. Ck to install lower batch. 7. Lower batch installed, latched and safeticd. 8. Check HF redic southment for security. 9. Unner batch installed, latched and safeticd. 10. Freezure regulator safetied in flight position. 11. CK to install upper batch. 12. Unner batch installed. latched & safetied. 13. All items cleared. 14. Cy install upper batch. 15. Check for relighting or anything riding structure. 16. Ok to close access door. 16. Access door cleared & secure. 17. Access door cleared & secure. 18. Check for plumbing or anything riding structure. 19. Ok to close access door. 19. Access door cleared & secure. 20. Check for plumbing or anything riding structure. 21. Access door cleared & secure. 22. Check for plumbing or anything riding structure. 23. Check for plumbing or anything riding structure. 24. Access door cleared & secure. 25. Access door cleared & secure. 26. Check for plumbing or anything riding structure. 27. Check for plumbing or anything riding structure.	COCKPIN INTERNAL: (Continued)	MECH.	WZ.
14. Instruments for condition & cleanliness. 15. Chrowit breakers set or into white line. 16. Seat belt & choulder straps for condition & operation. 17. Organ system checked out, System pressure 1800 to 2000% cap installed, check out face heat. 18. Warning lights for operation. 19. Enorgancy better for operation. 19. Enorgancy better for operation. 20. Seat for condition & operation. 21. Interior lights for operation. 22. Cocknit floor elecated. 23. All items cleared. 26. Ocknit floor elecated. 27. Cocknit floor elecated. 28. Cocknit regulators for cleanliness & condition. 29. Cocknit regulators for cleanliness & condition. 20. Cocknit regulators for cleanliness & condition. 20. Cocknit regulators for cleanliness & condition. 21. Lover hatch & scal for operation & turnbarrels safeties. 22. Lover hatch & scal for operation & condition of latching mechanism. 23. Lover hatch installed, latched and safetied. 24. Equipment for security in hatch & bay. 25. Lover hatch installed, latched and safetied. 26. Check HT radio equipment for security. 27. Unper hatch installed, latched & safetied. 28. All items cleared. 29. Unper hatch installed, latched & safetied. 30. All items cleared. 31. Check for plumbing or anything riding structure. 32. Check for plumbing or anything riding structure. 33. Check for plumbing or anything riding structure. 34. Access door cleared & socurs. 35. All items cleared. 36. CREM CHIFF:			dry
15. Gircuit breakers set or into white line. 16. Seat belt & shoulder straps for condition & operation. 17. Orgen system checked out, System pressure 1800 to 2000 cap installed, check out face heat. 18. Warming lights for operation. 19. Emergency bettery for operation, check voltage with precision meter. 20. Seat for condition & operation. 21. Interior lights for operation & security. 22. Cockpit fileer cleaned. 23. All items cleared. CREW CHIFF: 24. Equipment Fax: 25. Control cables for freedom, operation & turnburrels safeties. 26. Control cables for freedom, operation & turnburrels safeties. 27. Lower hatch & seel for operation & condition of latching mechanism. 28. Ok to install lower hatch as confirment for security. 29. Unper hatch latching mechanism for operations. 20. Freesure regulator safetied in flight position. 21. Lower hatch installed, latched and safetied. 22. Okeck Fr radio confirment for security. 29. Unper hatch installed, latched & safetied. 20. Freesure regulator safetied in flight position. 25X1A			
16. Seat belt & shoulder straps for condition & operation. 17. Oryson system checked out. System pressure 1800 to 2007% cap installed check out face heat. 18. Warning lights for operation. 19. Emergency battery for operation. 19. Emergency battery for operation. 20. Seat for condition & operation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. all items cleared. 24. Peacan drained, flushed & valve closed. 25. Conkpit regulators for cleanliness & condition. 26. Conkpit regulators for cleanliness & condition. 27. Lower batch & scal for encration & turnbarrels safeties. 28. Lower batch & scal for encration & condition of latching mechanism. 29. Under hatch installed, latched and safetied. 20. Check HF radio equipment for security. 21. Under hatch latching mechanism for operations. 22. Under hatch installed, latched & safetied. 29. Under hatch installed, latched & safetied. 20. Pressure regulator safetied in flight position. 20. Pressure regulator safetied in flight position. 21. OK to install upper hatch. 22. Check for plumbing or anything riding structure. 23. All items cleared. CREW CHIFF: 24. Heat exchanger duct connections for security. 25. Check for plumbing or anything riding structure. 26. All stems cleared. CREW CHIEF:	de la companya de la		
17. Orygon system chocked out, System pressure 1200 to 2001 cap installed, check out face heat. 18. Warning lights for operation. 19. Emergency bettery for operation, check voltage with precision meter. 20. Seat for condition & aperation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleared. CRFW CHIEF: EQUIPMENT BAY: 1. Feacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrols safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower betch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Under hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper batch. 12. Under hatch installed, latched & safetied. 13. All items cleared. CRFW CHIEF: 14. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. All items cleared. CRFW CHIEF:			
can installed, check out face heat. 18. Warning lights for operation. 19. Emergency bettery for operation. 20. Sest for condition & operation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleared. ORFW CHIFF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanlings & condition. 3. Control cables for freedom, operation & tumbarrols safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. CK to install lower hatch. 7. Lower hatch installed, latched and safeticd. 6. Check HF radio equipment for security. 9. Upner hatch latching mechanism for operations. 10. Fressure regulator safetied in flight position. 11. OK to install upper batch. 12. Upner hatch installed, latched & safetied. 13. All items cleared. CREM CHOFF: UPPER CROTCH BAY: 2. Check for plumbing or anything riding structure. 5. CK to close access door. 4. Access door closed & securs. 6. CREM CHIEF:			
18. Warning lights for operation. 19. Emergency battery for operation, shock voltage with precision meter. 20. Seat for condition & operation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleared. ORFW CHIEF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 25X1A 10. Pressure regulator safetied in flight position. 25X1A 10. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREM CHIEF:			
19. Energency battery for operation, check voltage with precision moter. 20. Seat for condition & operation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleared. CREW CHIEF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower batch & seal for operation & condition of latching mechanism. 6. OK to install lower batch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 2. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper batch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER COOTCH BAY: 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	A CONTRACTOR OF THE CONTRACTOR		
20. Seat for condition & operation. 21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleared. CRFW CHIEF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: 14. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	19. Energency battery for operation, check voltage with precis	ion meter	
21. Interior lights for operation & security. 22. Cockpit floor cleaned. 23. All items cleaned. ORFW CHIEF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 25X1A 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREM CHIEF: 14. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREM CHIEF:			25X1A
23. All items cleared. ORFM CHIEF: EQUIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREM CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREM CHIEF:	The second secon		
PAULIPMENT BAY: 1. Peacan drained, flushed & valve closed. 2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties, 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREM CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Casck for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	22, Cockpit floor cleaned;		
1. Peacan drained, flushed & valve closed, 2. Cockpit regulators for cleanliness & condition, 3. Control cables for freedom, operation & turnbarrels safeties, 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safeticd. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	23. All items cleared. CRFW CHIEF:		
2. Cockpit regulators for cleanliness & condition. 3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREM CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	EQUIPMENT BAY:		
3. Control cables for freedom, operation & turnbarrels safeties. 4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	1. Peacan drained, flushed & valve closed,		f
4. Equipment for security in hatch & bay. 5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 6. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UFPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	2. Cockpit regulators for cleanliness & condition.	-	
5. Lower hatch & seal for operation & condition of latching mechanism. 6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	3. Control cables for freedom, operation & turnbarrels safeti	es,	
6. OK to install lower hatch. 7. Lower hatch installed, latched and safetied. 8. Check HF radio equirment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UFPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	4. Equipment for security in hatch & bay.		
7. Lower hatch installed, latched and safetied. 8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	5. Lower hatch & seal for operation & condition of latching n	nechanism.	
8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	6. OK to install lower hatch.		
8. Check HF radio equipment for security. 9. Upper hatch latching mechanism for operations. 10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	7. Lower hatch installed, latched and safetied.		
10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:			
10. Pressure regulator safetied in flight position. 11. OK to install upper hatch. 12. Upper hatch installed, latched & safetied. 13. All items cleared. CREW CHIEF: UFPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	9. Upper hatch latching mechanism for operations.	^	
12. Upper hatch installed, latched & safetied. 13. All items cleared. CRFW CHIEF: UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:		^ !	
13. All items cleared. CREW CHTEF: UFPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	17. OK to install upper hatch.		+
UPPER CROTCH BAY: 1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	12. Upper hatch installed, latched & safetied.		
1. Heat exchanger duct connections for security. 2. Check for plumbing or anything riding structure. 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	13. All items cleared. CREW CHIEF:		-
2. Check for plumbing or anything riding structure 3. OK to close access door. 4. Access door closed & secure. 5. All items cleared. CREW CHIEF:	A STATE OF THE PARTY OF THE PAR		
A. Access door closed & secure. CREW CHIEF:			
4. Access door closed & secure. 5. All items cleared. CREW CHIEF:			
5. All items cleared. CREW CHIEF:			
			des
Approved For Release WHAPART A RDP89B00551R000100120009-8		100400000	
	Approved For Release Approved		

CONFIDENTIAL 25X1A Approved For Release 2001/09/04 : CINADP89B00551R000100120009-8

ENGINE AIR DUCTS	MECH	I Wife
1. R/H & L/F main ducts for cracks & cleanliness.		drs
2 P/H oil cooler duct for cracks & cleanliness.	The state of the s	
Check inlet guide vanes, compressor rotor & stator blades 3. nicks or other evidence that the engine has ingested fore	for dents, ign material.	
4. Run up screens removed		LEGIR
5. All items cleared. CREW CHIEF:		LEGIB
WING:		
1. R/H wing for condition & cover plates secured.		
2, R/H aileron & tab for security & condition.		
3. R/H flap for security & condition.		
4. R/H fuel caps secured.		
5. R/H wing fillets for conditions & security.		
6. R/H pogo installed & latched.		
7. L/H wing for condition & cover plates secured.		
8. L/H aileron & tab for security & condition.		
9. L/H flap for security & condition.		
10. L/H fuel caps secured.		
ll. L/H wing fillets for condition & security.		
12. L/H pogo installed & latched.		
13, L/H & R/H outboard fuel drain valves checked for water		
14. All items cleared. CREW CHIEF:		
FUSSIAGE		
l. External skin for condition.		
2. Ejector for condition.		
3, Dive flap (speed brakes) for condition & hydro leaks.		·
4. Engine mounts & tail pipe for security.		
5. All cover plates secured on top of fuselage. Tail pipe & turbine for cracks or evidence of foreign mat 5. passing through turbine.	orial 2	
7. All items cleared. CREW CHIEF:	-	
1.5°LMNAGE:		
1. Stellizer for condition.		
2. Elevator & tab for condition & security.		3319

CONFIDENTIAL Approved Ser Release 2001/09/04 : CIA-REP89B00551R00010012009-8 EMPENNACE: (Continued) NA 3. Elevator tab for serveaction. Vertical stabilizer for condition. 5. Vent line opon. 6. Rudder for security & condition. Fillets for security & condition. CREW CHIEF: 8. All items cleared. TAIL GEAR: l. Doors for security. LEGIB Tires for condition. Steering cables & brackets for condition & security.
Strut for condition & cleanliness, proper pressure is 335 psi LLEGIB extended or 3.75 inches compressed. Micro switch for security & conditions CREW CHIEF: All items cleared, MAIN GEAR & WELL Door for security & condition. Control cables for condition, turnbarrels safetied, Uplock release cable & spring secure. 1 . Retract mechanism & cyl. for condition, Strut for condition, proper pressure or height & cleanliness. **ILLEGIB** 5. Pressure 180 psi extended or 4.5 inches compressed. 6. Brakes for clearance & freedom of leaks. Tires for condition & pressure, 240 lbs. CREW CHIEF: 8. All items cleared. ENGINE COMPARTMENT: 7. Throttle for security & safety. 2. Main & aux. fuel tank transfer valves open & Safetied. 3. Manual fuel shut off open & safetied. Main fuel strainer drained or checked for water. Check accumulator pressure, 800 psi. Hydro Oil tank full. Electrical plugs secure & safeticd. Fuel & oil lines secure & free of leaks. Dive flap shut off valve safetied open.

Inclosure No. 4 to SOP-0-1, Page 8
Approved For Release 2001/09/04; CIA RDP89B00551R995 P00120009-8

ENGI	NE COMPARTMENT:	MECH. IVS.
10.	Engine side plates installed,	
11.	OK to install aft lower engine cover & drain lines,	
12.	All items cleared. CREW CHIEF:	g jurgangen), man ridano wai
FINA	L SIGN OFF:	
<u>.</u>	Install lower engine cover fwd, section,	
2,	Remove pitot airspeed cover	· ·
3.	Remove máin & tail gear down lock pins.	
4.	Install scissors pin in tail rear	
5.8	Fuel load Fuel added Oil added ILLEGIB Oxygen Date	Oil level
6.	Ship released for flightDate	Time
AIR	CRAFT GENERAL:	25X1A
1.	Elect and radio pre flight	
2.	Install and check special equipment,	V
3.	Check Destr. circuit.	
4.	Install and connect destr.	
5.	Install upper hatch.	
6.	Pilot enter cockpit.	
7.	Pilot check cockpit.	
8.	Start MA-2 on signal from pilot.	
9.	Start engine.	
10.	Disconnect MA-2.	
11,	Close canopy.	
12.		
13.		
14.	Chrew Chief signal all OK on outside for take-off.	ILLEGIB
on introduction		
15.	Pick up Pogo's after take-off.	{ } /

Enclosure No. 4 to SOP-O-1, Page 9

FTER LANDING:				IR000100 12 0 I亚CI	I. III	e i Li Kimayy
l. Install Pogo's.						13
2. Tow aircraft to hangar.				4		/
3. Check with pilot to assure entered on 781-2.			have bee	n		
Correct discrepancies.						
5. All items cleared.		REW CHIE	F:			
ILLEGIB	ENGINE F	RUN DATA				
ATE PROCESS TEST		ARTICLE	h may go well	OPER	ATION_	_/_
TART START		ST/.RT_		SWAR	T	
TOP STOP STOP		STOP_		STOF		
and the second s	ILLEGIB			,		
						1
IME PM Idle 58-60		1				-
Max. 91-95 FT TEMP. Idle 200-300	· ·					
Max. 500-580 UEL PRESS. Idle 15-20	<u>.</u>	-				
Max. 8-12	· ~ ! ~~		\			
START TOTALIZER						-
END TOTALIZER		-				-1-
ELAPSED TIME		1	:			-
DADMETER 05-15						
HYDRO. PRESS. 2600–3100				·		
OTL PRESS. 40-50						6.00
TIMP, Idle 0-70						
Max. 0-80			·			
ENGINE COMP. TEMP.						1
AFT FUEL. TEMP. PRLSS. RATION 80% 1.2-1.6 Max. 2.2-2.5				· -		ds
Ding Stapes Of Ding Grahes Of	(\(\sigma^{\text{"}}_{\text{"}}\)			